

Amendments to the Specification

1. Please replace paragraph [0001] with the following amended paragraph:

[0001] The present application claims priority to U.S. Provisional Patent Application, Serial Number 60/414,980, filed October 1, 2002, ~~which is incorporated by reference herein~~, and U.S. Provisional Patent Application, Serial Number 60/414,980, filed September 30, 2003, both of which is are incorporated by reference herein.

2. Please insert between paragraph [0082] and paragraph [0083] the following paragraph:

[0083] In addition, alternate light distribution patterns can be used. As the lumen output of LEDs increases as a result in technological improvements, the additional output can be dispersed in directions that satisfy aesthetic or customer-specific light patterns, but that still meet legal and SAE standards.

3. As the number of paragraphs has increased, please amend paragraphs [0083], [0084], and [0085] to paragraphs [0084], [0085], and [0086], respectively. Paragraphs [0083] through [0085] should be amended as follows:

{[0083]} {[0084]} Moreover, in an alternate embodiment of a light emitting diode headlamp assembly according to the invention, a pair of combined low/high beam headlamps comprising a plurality of light emitting diodes as a light source can be utilized. Figures 16A-B illustrate reflector subassembly 211 in an alternate embodiment of the invention, namely a 7-inch round combined high/low beam headlamp 270. In this embodiment, two headlamps 270 would be used to form a light emitting diode headlamp assembly according to the invention.

{0084} [0085] Referring to Figures 16A-B, reflector subassembly 211 combines twelve (12) individual reflector units 211a forming a circular arrangement such that each individual reflector unit 211a corresponds to one of twelve (12) individual light emitting diodes 212. As in the previously disclosed embodiments, reflector units 211a are parabolic reflectors. Approximately six (6) or seven (7) of light emitting diodes 212 are utilized to produce a low beam pattern for the headlamp assembly. The remainder, approximately six (6) or seven (7) of light emitting diodes 212 are utilized to produce a high beam pattern for the headlamp assembly, all in a single headlamp unit. Figure 16C illustrates the corresponding circular arrangement of light emitting diodes 212 on a circular planar substrate 209.

{0085} [0086] In still another embodiment (not shown), a reflector subassembly combines twelve (12) individual reflector units forming a circular arrangement such that each individual reflector unit corresponds to one of twelve (12) individual light emitting diodes. Moreover, the size and shape of the combined high/low beam headlamp embodiments can vary. For example, the combined low/high beam headlamp can be rectangular, comprising a 2 x 5 array of light emitting diodes and a corresponding 2 x 5 array of parabolic reflector units forming a reflector subassembly. Again, approximately five or six of light emitting diodes are utilized to produce a low beam pattern for the headlamp assembly. The remainder, approximately five (5) or six (6), of light emitting diodes are utilized to produce a high beam pattern.

4. In the abstract, the paragraph number was inadvertently omitted. Please amend the abstract to include the paragraph number as follows:

[0087] The present invention is a light emitting diode headlamp and headlamp assembly. The light emitting diode headlamp assembly is capable of low beam and high beam functions. The light emitting diode headlamp assembly comprises high-flux light emitting diodes, a reflector subassembly, a first and second light transmissive member, and a heat sink.